

Measurement Tools

What tools do we use to measure liquid volume, dry volume, density, length, & mass?

Materials: 6 station samples (with the appropriate devices to measure them), pencil.

Procedure: Your technician will gather a sample and the appropriate measuring tool for that sample. Find the correct data for that sample, and place your data in the box provided on this paper. If you have difficulty, raise your hand and your teacher will assist you.

Sample	Rock	Metal block	Glass bottle	Plastic slide
Liquid Volume				
Dry Volume	X			
Density				
Length				
Mass				

Analyze and Conclusion questions:

- 1) If the volume of your shoe was 100ml's and it had a mass of 1000g, what is it's density?
- 2) What is the equation to find density?
- 3) How many grams are there in a kilogram?
- 4) Explain how you measure the mass of a liquid.
- 5) Explain how you measure the volume of an irregular object.